

SEQUENCE LISTING

<110> White, David

<120> COMPOSITIONS, KITS, AND METHODS FOR PROGNOSTICATION, DIAGNOSIS, PREVENTION, AND TREATMENT OF BONE-RELATED DISORDERS AND OTHER DISORDERS

<130> 10147-16U1

<140> US 09/628,495

<141> 2000-07-28

<150> US 60/146,614

<151> 1999-07-30

<160> 9

<170> PatentIn version 3.1

<210> 1

<211> 613

<212> PRT

<213> Homo sapiens

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Val Ile Leu Ala Val Thr Lys Asn Lys Lys Leu Arg Asn Ser Gly Asn
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Ile Phe Val Val Ser Leu Ser Val Ala Asp Met Leu Val Ala Ile Tyr
65 70 75 80

Pro Tyr Pro Leu Met Leu His Ala Met Ser Ile Gly Gly Trp Asp Leu
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Ser Gln Leu Gln Cys Gln Met Val Gly Phe Ile Thr Gly Leu Ser Val
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Val Gly Ser Ile Phe Asn Ile Val Ala Ile Ala Ile Asn Arg Tyr Cys
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Tyr Ile Cys His Ser Leu Gln Tyr Glu Arg Ile Phe Ser Val Arg Asn

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Val Cys Ile His Phe Val Leu Pro Leu Leu Ile Val Gly Phe Cys Tyr 195 200 205		
Val Arg Ile Trp Thr Lys Val Leu Ala Ala Arg Asp Pro Ala Gly Gln 210 215 220		
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Gly Leu Ile Ser Asp Ile Arg Glu Met Gln Glu Ala Arg Thr Leu Ala 325 330 335		
Arg Ala Arg Ala His Ala Arg Asp Gln Ala Arg Glu Gln Asp Arg Ala 340 345 350		
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Pro Leu Pro Gly Asp Ala Ala Ala Gly His Pro Asp Arg Ala Ser Gly
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His Pro Lys Pro His Ser Arg Ser Ser Ser Ala Tyr Arg Lys Ser Ala
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Ser Thr His His Lys Ser Val Phe Ser His Ser Lys Ala Ala Ser Gly
 405 410 415

His Leu Lys Pro Val Ser Gly His Ser Lys Pro Ala Ser Gly His Pro
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Lys Ser Ala Thr Val Tyr Pro Lys Pro Ala Ser Val His Phe Lys Gly
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Asp Ser Val His Phe Lys Gly Asp Ser Val His Phe Lys Pro Asp Ser
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Val His Phe Lys Pro Ala Ser Ser Asn Pro Lys Pro Ile Thr Gly His
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His Val Ser Ala Gly Ser His Ser Lys Ser Ala Phe Ser Ala Ala Thr
 485 490 495

Ser His Pro Lys Pro Ile Lys Pro Ala Thr Ser His Ala Glu Pro Thr
 500 505 510

Thr Ala Asp Tyr Pro Lys Pro Ala Thr Thr Ser His Pro Lys Pro Ala
 515 520 525

Ala Ala Asp Asn Pro Glu Leu Ser Ala Ser His Cys Pro Glu Ile Pro
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Ala Ile Ala His Pro Val Ser Asp Asp Ser Asp Leu Pro Glu Ser Ala
 545 550 555 560

Ser Ser Pro Ala Ala Gly Pro Thr Lys Pro Ala Ala Ser Gln Leu Glu
 565 570 575

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Asp Glu Met Ala Val
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Thr Pro Phe Gly Cys Ile Gly Cys Lys Leu Pro Lys Pro Asp Tyr Pro
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Pro Ala Leu Ile Ile Phe Met Phe Cys Ala Met Val Ile Thr Val Val
 35 40 45

Val Asp Leu Ile Gly Asn Ser Met Val Ile Leu Ala Val Thr Lys Asn
 50 55 60

Lys Lys Leu Arg Asn Ser Gly Asn Ile Phe Val Ala Ser Leu Ser Val
 65 70 75 80

Ala Asp Met Leu Val Ala Ile Tyr Pro Tyr Pro Leu Met Leu Tyr Ala
 85 90 95

Met Ser Val Gly Gly Trp Asp Leu Ser Gln Leu Gln Cys Gln Met Val
 100 105 110

Gly Leu Val Thr Gly Leu Ser Val Val Gly Ser Ile Phe Asn Ile Thr
 115 120 125

Ala Ile Ala Ile Asn Arg Tyr Cys Tyr Ile Cys His Ser Leu Gln Tyr

140

Gln Val Arg Glu Gln Glu Arg Ala Arg Ala Cys Val Ala Val Glu Gly
355 360 365

Thr Pro Arg Asn Val Arg Asn Val Leu Leu Pro Gly Asp Ala Ser Ala
 370 375 380

Pro His Ser Asp Arg Ala Ser Val Arg Pro Lys Pro Gln Thr Arg Ser
 385 390 395 400

Thr Ser Val Tyr Arg Lys Pro Ala Ser Ile His His Lys Ser Ile Ser
 405 410 415

Gly His Pro Lys Ser Ala Ser Val Tyr Pro Lys Pro Ala Ser Ser Val
 420 425 430

His Cys Lys Pro Ala Ser Val His Phe Lys Pro Ala Ser Val His Phe
 435 440 445

Lys Gly Asp Ser Val Tyr Phe Lys Gly Asp Thr Val His Tyr Arg Ala
 450 455 460

Ala Ser Lys Leu Val Thr Ser His Arg Ile Ser Ala Gly Pro Ser Thr
 465 470 475 480

Ser His Pro Thr Ser Met Ala Gly Tyr Ile Lys Ser Gly Thr Ser His
 485 490 495

Pro Ala Thr Thr Thr Val Asp Tyr Leu Glu Pro Ala Thr Thr Ser His
 500 505 510

Ser Val Leu Thr Ala Val Asp Leu Pro Glu Val Ser Ala Ser His Cys
 515 520 525

Leu Glu Met Thr Ser Thr Gly His Leu Arg Ala Asp Ile Ser Ala Ser
 530 535 540

Val Leu Pro Ser Val Pro Phe Glu Leu Ala Ala Thr Pro Pro Asp Thr
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<212> PRT

<213> Rattus sp.

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Asp Val Leu Pro Asn Val Tyr Ile Gly Thr Ile Glu Tyr Asp Pro Arg
35 40 45

Thr Tyr Thr Cys Tyr Phe Asn Tyr Val Asn Asn Pro Ala Phe Thr Val
50 55 60

Thr Ile Val Cys Ile His Phe Val Leu Pro Leu Ile Ile Val Gly Tyr
65 70 75 80

Cys Tyr Thr Lys Ile Trp Ile Lys Val Leu Ala Asp Arg Asp Pro Ala
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Gly Gln Asn Pro Asp Asn Gln Phe Ala Glu Val Arg Asn Phe Leu Thr
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Met Phe Val Ile Phe Leu Leu
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<211> 357

<212> DNA

<213> Rattus sp.

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<212> DNA

<213> Homo sapiens

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<212> DNA

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